

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SHIGEKI YAMAKAWA

Application No. Unknown

Filed: July 19, 2001

For: ELEVATOR SYSTEM

Art Unit: Unknown

Examiner: Unknown

PENDING CLAIMS AFTER ENTRY OF PRELIMINARY AMENDMENT

1. An elevator system comprising;
a hoistway including a hoistway wall and a bottom portion, said hoistway wall including a protrusion projecting from said hoistway wall inside said hoistway;
a vertical moving member ascending and descending the hoistway along a direction and not interfering with said protrusion; and
a control panel for controlling movement of said vertical moving member, said control panel being disposed within said hoistway and overlapping with a projected region of said protrusion, projected in the direction of movement of said vertical moving member.
2. The elevator system as claimed in claim 1 wherein said control panel is positioned above an opening in the hoistway wall for providing access to said hoistway.
3. The elevator system as claimed in claim 2 wherein said opening in said hoistway wall includes a landing floor door mechanism for opening and closing said opening portion, and said control panel is installed above said landing floor door mechanism.
4. The elevator system as claimed in claim 1 including a vertical moving member with a door mechanism for engaging a landing floor door mechanism for opening and closing an opening portion, wherein said control panel at least partly overlaps a projected region of said vertical moving member door mechanism projected in the direction of movement of said vertical moving member and above a highest position of said vertical moving member within said hoistway.